



## APPLICATIONS UNDER EXAMINATION

## PELARGONIUM

### PELARGONIUM (*Pelargonium xhortorum*)

**Proposed denomination:** 'KLEPZ20550'  
**Application number:** 20-10149  
**Application date:** 2020/04/14  
**Applicant:** Klemm & Sohn GmbH & Co. KG, Stuttgart, Germany  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Nina Neu, Murrhardt, Germany  
Martin Glawe, Stuttgart, Germany

**Variety used for comparison:** 'KLEPZ18551'

**Summary:** *The margin of the leaf blade of 'KLEPZ20550' has medium to strong undulation whereas that of 'KLEPZ18551' has weak to medium undulation. The margin and middle of the inner side of the upper and lower petals of 'KLEPZ20550' are medium blue pink whereas those of 'KLEPZ18551' are dark blue pink. The outer side of the upper petal of 'KLEPZ20550' is medium blue pink whereas that of 'KLEPZ18551' is dark blue pink. The outer side of the lower petal of 'KLEPZ20550' is a lighter medium blue pink than that of 'KLEPZ18551'. The zone at the base of the lower petal of 'KLEPZ20550' is white whereas that of 'KLEPZ18551' is blue pink.*

#### **Description:**

**PLANT:** upright growth habit, medium height foliage, wide  
**STEM:** green, absent or very weak intensity of anthocyanin colouration

**LEAF BLADE:** medium to long, medium width, medium to deep sinus, medium to strong undulation of margin, slightly open to closed base, no variegation, medium green on upper side

**LEAF ZONE:** absent or very weak conspicuousness

**PEDUNCLE:** medium length, absent or very weak intensity of anthocyanin colouration on middle third

**PEDICEL:** medium intensity of anthocyanin colouration of upper third, no swelling

**INFLORESCENCE:** short to medium, medium to broad, medium to many open flowers, medium length of largest flower

**SEPAL:** moderate reflexing, absent or very weak intensity of anthocyanin colouration at middle of broadest sepal

**FLOWER:** single type, moderately overlapping upper petals in relation to lower petals, flat in cross-section in lateral view, no irregularly distributed stripes or blotches

**UPPER PETAL:** medium to broad, spatulate, entire margin at apex

**UPPER PETAL (INNER SIDE):** margin and middle are medium blue pink (lighter than RHS 73B), strong to very strong conspicuousness of stripes and spots/spots, largest spot is large, medium purple red (RHS 57A) spot, small white zone at base

**UPPER PETAL (OUTER SIDE):** medium blue pink (RHS 73B)

**LOWER PETAL (INNER SIDE):** margin and middle are medium blue pink (lighter than RHS 73B), strong to very strong conspicuousness of stripes and spot/spots, largest spot is medium size, very small to small white zone at base

**LOWER PETAL (OUTER SIDE):** medium blue pink (RHS 73C)

**Origin and Breeding:** 'KLEPZ20550' originated from a controlled cross conducted by the breeders in Stuttgart, Germany in December of 2012. The cross was made between the female parent variety 'Americana Pink Mega Splash' and the male parent, a proprietary seedling designated 'PZ-2000-Seestern'. The resultant seedlings were selected in June of 2013 based on plant growth habit, flowering time, flower colour, flower colour pattern stability as well as overall plant quality, health and vigour. The selected seedlings were evaluated in numerous greenhouse trials from 2014 to 2019. A single seedling was selected for commercialization and named 'KLEPZ20550' in May of 2014.

**Tests and Trials:** The detailed description of 'KLEPZ20550' is based on the UPOV Report of Technical Examination, application number PEL 2913, purchased from the Bundessortenamt in Hannover, Germany. The trials were conducted by the Bundessortenamt in Hannover, Germany in 2021. Colour determinations were made using the 2015 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'KLEPZ20550'**

	'KLEPZ20550'	'KLEPZ18551'*
<i>Colour of upper petal (RHS)</i>		
margin of inner side	lighter than 73B	N74D
middle of inner side	lighter than 73B	N74D
lower side	73C	N74D
<i>Colour of lower petal (RHS)</i>		
margin of inner side	lighter than 73B	N74D
middle of inner side	lighter than 73B	N74D
lower side	73C	N66D

\*reference variety



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